Notice of Allowability	Application No.	Applicant(s)
	10/719,266	SARKAR ET AL.
	Examiner	Art Unit
	Hoang M Nguyen	3748
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	ars on the cover sheet with (OR REMAINS) CLOSED in or other appropriate commur GHTS. This application is su	this application. If not included nication will be mailed in due course. THIS
1. This communication is responsive to		
2. X The allowed claim(s) is/are <u>1-23</u> .		
3. \boxtimes The drawings filed on <u>22 December 2003</u> are accepted by	the Examiner.	
 4. ☐ Acknowledgment is made of a claim for foreign priority un a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application	No
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONMI THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file a ENT of this application.	reply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give	tted. Note the attached EXANs reason(s) why the oath or c	MINER'S AMENDMENT or NOTICE OF declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftsperso 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the	on's Patent Drawing Review Amendment / Comment or in	the Office action of
 DEPOSIT OF and/or INFORMATION about the depos attached Examiner's comment regarding REQUIREMENT F 	sit of BIOLOGICAL MATER	RIAL must be submitted. Note the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☑ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 0206/03	6. ☐ Interview Sun Paper No./M	rmal Patent Application (PTO-152) nmary (PTO-413), ail Date mendment/Comment
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ⊠ Examiner's Si 9. ☐ Other	atement of Reasons for Allowance

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Claim 22, which belongs to a non-elected species, is also allowed because it's dependent from claim 21.

All claims 1-23 are allowed.

STATEMENT OF REASONS FOR ALLOWANCE

The prior art cited herein fails to disclose a scratch drive actuator comprising a drive shoe for urging a shuttle, an actuator coupled to the drive shoe and drive the drive shoe in response to thermal energy.

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Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Examiner Nguyen whose telephone number is (703) 308-3477. The examiner can normally be reached on Monday--Thursday from 7:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Denion, can be reached on (703)-308-2623. The fax phone number for the Examiner is (703) 872-9302 for regular communication, and (703) 872-9303 for after final communication.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0861.

HOANG NGUYEN PRIMARY EXAMINER ART UNIT 3748

Hoang Minh Nguyen 10/29/04